

(Per ILA Approval Requirements)

☐ **CA Approval**

☒ **JB Approval**

REGIONAL FARE COORDINATION SYSTEM

CHANGE ORDER NO. 44

CONTRACTOR: Vix ERG Transit Systems (USA) Inc.
CONTRACT NUMBER: 229944

This Change Order to Contract #229944 ("Change Order") is executed as of 9-24-09, by and between Vix ERG Transit Systems (USA) Inc, a California corporation and wholly owned subsidiary of Vix ERG Pty Ltd, an Australian corporation, (hereinafter referred to as the "Contractor") and each of the following seven public transportation agencies (hereinafter referred to individually as an "Agency" or collectively as the "Agencies"):

1. Central Puget Sound Regional Transit Authority ("Sound Transit")
2. King County ("King County")
3. Kitsap County Public Transportation Benefit Area ("Kitsap Transit")
4. Pierce County Public Transportation Benefit Area ("Pierce Transit")
5. Snohomish County Public Transportation Benefit Area ("Community Transit")
6. City of Everett ("Everett")
7. State of Washington, acting through the Washington State Department of Transportation, Washington State Ferries Division ("WSF")

Background

A. Effective April 29, 2003, each of the Agencies and the Contractor entered into Contract #229944 ("Contract") to implement a Regional Fare Coordination System ("RFC System") to establish a common fare system utilizing smart card technology. The Contractor is responsible for the development, implementation, operation and maintenance of the RFC System as specified in the Contract.

B. The Agencies and the Contractor desire to execute this Change Order No. 44 and the attached Amendment 54, to modify the Contract Division III, Section 6.III-3.2 Functional Requirements – Fare Transaction Processor, and Exhibit 9, Price Schedule, Section VI, "Implementation Special Programs." The purpose of this change is to update the Sounder Tables to accommodate a change from Zones to Distance based fares.

Changes

The Agencies and the Contractor hereby agree to the following changes to the Contract:

1.0 Division III Changes

The following section of Section 6.III- 3.2 is revised to add a new item 3.2.0 sub (e) iii to read as follows and renumber the remaining items in sub (e):

6.III-3-2 Functional Requirements - Fare Transaction Processor

The following general FTP functional requirements apply to all configurations of FTPs.

3.2.0 Central Processing Unit

The FTP central processing unit shall be capable of supporting, at a minimum, the following functions:

- (a) Prior to use for fare collection or customer service, the FTP shall initialize itself and accept log-on from Agency Personnel.
- (b) The FTP shall provide functionality for the following methods of log-on:
 - i. Manual entry/update of log-on information through the DDU keypad for On-Board FTPs, keypad entry through Portable FTPs, and on-line and laptop connection to Stand Alone FTPs. Manual log-on and en-route log-on/updates shall not require the use of a smart card.
 - ii. For on-board FTPs, transfer of log-on information from a driver ID card. For Stand Alone FTPs, log-on information shall be transmitted through the communications network.
- (c) Specific data to be entered/uploaded for log-on will vary by agency and will be defined at Conceptual Design Review (CDRL 1). As a minimum, FTP log-on data fields shall include:
 - i. Fareset
 - ii. Trip Number
 - iii. Route Number
 - iv. Run Number
 - v. Operator ID
 - vi. Capability of accommodating minimum two additional fields (to be defined for each Agency as part of CDR)
- (d) The Contractor shall be responsible for developing interfaces in the RFCS capable of accepting ASCII files of log-on data from Agency run cutting and scheduling systems, tied to Operator ID, for the purpose of upload through the RFC system. The Agencies will be responsible for providing the format and content of the data and identifying the run cutting and scheduling system to be used at Conceptual

Design Review (CDRL 1). The Agencies will also be responsible for modifications to legacy systems to support data export and interface to the RFCS.

- (e) Upon reading a card for fare payment, the FTP shall:
 - i. Indicate if the card is valid. A blocked or improper card shall trigger a red light on the customer display and an audible warning.
 - ii. Display the fare to be deducted and fare basis (e.g. “1 Zone Fare”). The fare basis display is required if the Cardholder has a Zone Fare Preset established on the card.
 - iii. For Sounder Stand Alone and Portable Fare Transaction Processors, also display the Station of Origin, fare paid and change the screen that displays “Permit to Travel 2 Zones” to display station of origin and fare paid.
 - iv. If additional fare is required, display the additional amount.
 - v. Make the appropriate deduction, considering any discounts applicable, and update any appropriate trip counting data fields.
 - vi. Display the remaining value on the card and display an indication of special fare or pass type, if used, and any frequency discount which has accrued.
- (f) The FTP shall store and process the transaction data for upload to the DAC.
- (g) Using displays, light indicators, and audio tones, the FTP shall provide operator and customer feedback for each transaction.
- (h) The FTP shall maintain collected transaction data in the event of a device, interface, or power failure.
- (i) The Contractor shall provide a method to ensure the integrity of the data on the OBFTP until a successful data exchange with the WDOLS is acknowledged.
- (j) The FTP shall store and process a minimum of two (2) fare tables: Current and those for the next fare or service change. Fare tables shall contain data for a minimum two (2) Agencies, with the active table determined by the transit service the coach is operating under.
- (k) The FTP shall automatically implement fare table transitions for scheduled fare changes, holiday fare tables, etc.

2.0 System Documentation Changes

The Contractor will update all associated system documentation. Per RFI RFCS 466 v5 dated 5/21/08, the Contractor has identified this documentation as SEA-01052 Portable Fare Transaction Processor (DR 105B) Functional Specification, SEA-01056 Stand Alone Fare Transaction Processor (DR 106B) Functional Specification, SEA-01097 Stand Alone Fare Transaction Processor Operations manual, SEA-01877 Portable Fare Transaction Processor Operations Manual for Sound Transit, and SEA-01545 Proposed Fare Tables.

3.0 Compensation Changes

Exhibit 9, Price Schedule, is hereby amended without further execution as provided in Amendment 54, attached hereto as "Change Order No. 44 - Attachment A", to add a new Special Program to provide the fixed compensation due for all the Work of this Change Order.

4.0 Other Terms and Conditions

Except as expressly amended by this Change Order, the Contract remains in full force and effect. All other provisions of the Contract not referenced in this Change Order 44 shall remain in effect unless modified in other executed Amendments and Change Orders.

IN WITNESS WHEREOF, the parties hereto have executed this Change Order No. 44 to Contract #229944 as of the date set forth below its signature.

Vix ERG Transit Systems (USA) Inc.

The Agencies

By: [Signature]

By: _____

Its: VICE PRESIDENT

Their: _____

Date: 18th Sept, 2009

On behalf of the Agencies

Date: _____

Central Puget Sound Regional Transit Authority

City of Everett

By: _____

By: _____

Its: _____

Ray Stephanson, Mayor, or His Designee

Date: _____

Date: _____

King County

ATTEST:

By: _____

Sharon Marks, City Clerk

By: _____

Date: _____

Its: _____

APPROVED AS TO FORM:

Date: _____

By: _____

Everett City Attorney

Pierce County Public Transportation Benefit Area

Date: _____

Kitsap County Public Transportation Benefit Area

By: _____

By: _____

Its: _____

Its: _____

Date: _____

Date: _____

Washington State Ferries, acting through the Washington State Department of Transportation Ferries Division ("Washington State Ferries")

Snohomish County Public Transportation Benefit Area

By: _____

By: _____

Its: _____

Its: _____

Date: _____

Date: _____

IN WITNESS WHEREOF, the parties hereto have executed this Change Order No. 44 to Contract #229944 as of the date set forth below its signature.

Vix ERG Transit Systems (USA) Inc.

By: [Signature]

Its: VICE PRESIDENT

Date: 18th Sept, 2009

The Agencies

By: _____

Their: _____

On behalf of the Agencies

Date: _____

Central Puget Sound Regional Transit Authority

By: [Signature]

Its: CEO

Date: 9-16-09

King County

By: _____

Its: _____

Date: _____

Pierce County Public Transportation Benefit Area

By: _____

Its: _____

Date: _____

Washington State Ferries, acting through the Washington State Department of Transportation Ferries Division ("Washington State Ferries")

By: _____

Its: _____

Date: _____

City of Everett

By: _____

Ray Stephanson, Mayor, or His Designee

Date: _____

ATTEST:

By: _____

Sharon Marks, City Clerk

Date: _____

APPROVED AS TO FORM:

By: _____

Everett City Attorney

Date: _____

Kitsap County Public Transportation Benefit Area

By: _____

Its: _____

Date: _____

Snohomish County Public Transportation Benefit Area

By: _____

Its: _____

Date: _____

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Vix ERG Transit Systems (USA) Inc.

By: [Signature]

Its: VICE PRESIDENT

Date: 18th Sept, 2009

The Agencies

By: _____

Their: _____

On behalf of the Agencies

Date: _____

Central Puget Sound Regional Transit Authority

By: _____

Its: _____

Date: _____

King County

By: [Signature]

Its: SM

Date: 9/14/09

Pierce County Public Transportation Benefit Area

By: _____

Its: _____

Date: _____

Washington State Ferries, acting through the Washington State Department of Transportation Ferries Division ("Washington State Ferries")

By: _____

Its: _____

Date: _____

City of Everett

By: _____

Ray Stephanson, Mayor, or His Designee

Date: _____

ATTEST:

By: _____

Sharon Marks, City Clerk

Date: _____

APPROVED AS TO FORM:

By: _____

Everett City Attorney

Date: _____

Kitsap County Public Transportation Benefit Area

By: _____

Its: _____

Date: _____

Snohomish County Public Transportation Benefit Area

By: _____

Its: _____

Date: _____

IN WITNESS WHEREOF, the parties hereto have executed this Change Order No. 44 to Contract #229944 as of the date set forth below its signature.

Vix ERG Transit Systems (USA) Inc.

By: [Signature]

Its: VICE PRESIDENT

Date: 18th Sept, 2009

The Agencies

By: _____

Their: _____

On behalf of the Agencies

Date: _____

Central Puget Sound Regional Transit Authority

By: _____

Its: _____

Date: _____

King County

By: _____

Its: _____

Date: _____

Pierce County Public Transportation Benefit Area

By: [Signature]

Its: CEO

Date: 9/14/09

Washington State Ferries, acting through the Washington State Department of Transportation Ferries Division ("Washington State Ferries")

By: _____

Its: _____

Date: _____

City of Everett

By: _____

Ray Stephanson, Mayor, or His Designee

Date: _____

ATTEST:

By: _____

Sharon Marks, City Clerk

Date: _____

APPROVED AS TO FORM:

By: _____

Everett City Attorney

Date: _____

Kitsap County Public Transportation Benefit Area

By: _____

Its: _____

Date: _____

Snohomish County Public Transportation Benefit Area

By: _____

Its: _____

Date: _____

IN WITNESS WHEREOF, the parties hereto have executed this Change Order No. 44 to Contract #229944 as of the date set forth below its signature.

Vix ERG Transit Systems (USA) Inc.

By: [Signature]

Its: VICE PRESIDENT

Date: 18th Sept, 2009

The Agencies

By: _____

Their: _____

On behalf of the Agencies

Date: _____

Central Puget Sound Regional Transit Authority

By: _____

Its: _____

Date: _____

King County

By: _____

Its: _____

Date: _____

Pierce County Public Transportation Benefit Area

By: _____

Its: _____

Date: _____

Washington State Ferries, acting through the Washington State Department of Transportation Ferries Division ("Washington State Ferries")

By: [Signature]

Its: Asst. Secretary

Date: 9/24/09

City of Everett

By: _____

Ray Stephanson, Mayor, or His Designee

Date: _____

ATTEST:

By: _____

Sharon Marks, City Clerk

Date: _____

APPROVED AS TO FORM:

By: _____

Everett City Attorney

Date: _____

Kitsap County Public Transportation Benefit Area

By: _____

Its: _____

Date: _____

Snohomish County Public Transportation Benefit Area

By: _____

Its: _____

Date: _____

IN WITNESS WHEREOF, the parties hereto have executed this Change Order No. 44 to Contract #229944 as of the date set forth below its signature.

Vix ERG Transit Systems (USA) Inc.

The Agencies

By: [Signature]

By: _____

Its: VICE PRESIDENT

Their: _____

Date: 18th Sept, 2009

On behalf of the Agencies

Date: _____

Central Puget Sound Regional Transit Authority

City of Everett

By: _____

By: [Signature]

Its: _____

Ray Stephanson, Mayor, or His Designee

Date: _____

Date: 9-23-09

King County

ATTEST:

By: _____

Sharon Marks, City Clerk

Date: _____

By: _____

Its: _____

Date: _____

APPROVED AS TO FORM:

By: _____

Everett City Attorney

Date: _____

Pierce County Public Transportation Benefit Area

Kitsap County Public Transportation Benefit Area

By: _____

By: _____

Its: _____

Its: _____

Date: _____

Date: _____

Washington State Ferries, acting through the Washington State Department of Transportation Ferries Division ("Washington State Ferries")

Snohomish County Public Transportation Benefit Area

By: _____

By: _____

Its: _____

Its: _____

Date: _____

Date: _____

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Vix ERG Transit Systems (USA) Inc.

By: [Signature]

Its: VICE PRESIDENT

Date: 18th Sept, 2009

The Agencies

By: _____

Their: _____

On behalf of the Agencies

Date: _____

Central Puget Sound Regional Transit Authority

By: _____

Its: _____

Date: _____

King County

By: _____

Its: _____

Date: _____

Pierce County Public Transportation Benefit Area

By: _____

Its: _____

Date: _____

Washington State Ferries, acting through the Washington State Department of Transportation Ferries Division ("Washington State Ferries")

By: _____

Its: _____

Date: _____

City of Everett

By: _____

Ray Stephanson, Mayor, or His Designee

Date: _____

ATTEST:

By: _____

Sharon Marks, City Clerk

Date: _____

APPROVED AS TO FORM:

By: _____

Everett City Attorney

Date: _____

Kitsap County Public Transportation Benefit Area

By: [Signature]

Its: Executive Director

Date: 9/9/09

Snohomish County Public Transportation Benefit Area

By: _____

Its: _____

Date: _____

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Vix ERG Transit Systems (USA) Inc.

By: [Signature]

Its: VICE PRESIDENT

Date: 18th Sept, 2009

The Agencies

By: _____

Their: _____

On behalf of the Agencies

Date: _____

Central Puget Sound Regional Transit Authority

By: _____

Its: _____

Date: _____

King County

By: _____

Its: _____

Date: _____

Pierce County Public Transportation Benefit Area

By: _____

Its: _____

Date: _____

Washington State Ferries, acting through the Washington State Department of Transportation Ferries Division ("Washington State Ferries")

By: _____

Its: _____

Date: _____

City of Everett

By: _____

Ray Stephanson, Mayor, or His Designee

Date: _____

ATTEST:

By: _____

Sharon Marks, City Clerk

Date: _____

APPROVED AS TO FORM:

By: _____

Everett City Attorney

Date: _____

Kitsap County Public Transportation Benefit Area

By: _____

Its: _____

Date: _____

Snohomish County Public Transportation Benefit Area

By: [Signature]

Its: Deputy CEO

Date: 9/24/09

Change Order No. 44 - Attachment A

Amendment 54 to the Contract for the Design, Implementation, Operation and Maintenance of the Regional Fare Coordination System

This Amendment 54 to the Contract for the Design, Implementation, Operation and Maintenance of the Regional Fare Coordination System is entered into this 24TH day of SEPTEMBER, 2009, by and between Vix ERG Transit Systems (USA) Inc, a California corporation and wholly owned subsidiary of Vix ERG Pty Ltd, an Australian corporation, (hereinafter referred to as the "Contractor") and each of the following seven public transportation agencies (hereinafter referred to individually as an "Agency" or collectively as the "Agencies"):

1. Central Puget Sound Regional Transit Authority ("Sound Transit")
2. King County ("King County")
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5. Snohomish County Public Transportation Benefit Area ("Community Transit")
6. City of Everett ("Everett")
7. State of Washington, acting through the Washington State Department of Transportation, Washington State Ferries Division ("WSF")

Recitals

A. Effective April 29, 2003, each of the Agencies and the Contractor entered into Contract #229944 ("Contract") to implement a Regional Fare Coordination System ("RFC System") to establish a common fare system utilizing smart card technology. The Contractor is responsible for the development, implementation, operation and maintenance of the RFC System as specified in the Contract.

B. The Agencies and the Contractor desire to amend the Special Programs Section in Section VI, Implementation, of Exhibit 9, Price Schedule, in connection with the Work described in Change Order 44 to which this is attached.

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the sufficiency of which is hereby acknowledged, the Agencies and the Contractor hereby agree to amend the Contract as follows:

Section 1.0 Price Schedule

The Special Programs Section of Exhibit 9, Price Schedule, is hereby amended to read as follows:

SPECIAL PROGRAMS

LUMP SUM COST

Change Order No. 44

| | |
|--|-----------------|
| Update Sound Transit Sounder Fare Tables for PFTP and SAFTP operations and update associated system documentation. | |
| TOTAL | \$50,693 |